

Aseem Deodhar

Urban Design | Transit Analysis | Architecture

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Education

Northeastern University

MS Urban Informatics, 3.93 GPA
Boston, MA | May 2020

- Project: Studying the **Effect of public transportation** on Somerville's urban growth using the **'R' statistical programming language**, Fall 2018
- Project: Examining Somerville's **Transportation Infrastructure** using various **spatial analysis tools within ArcGIS**, Fall 2018
- Project: Graphical Representation of the **Pune City Tree Census 2015**, Spring 2019
- **Relevant Courses:** Big Data for Cities, Advanced Spatial Analysis, Info Design

University of Pune

Bachelor of Architecture, First Class
Pune, India | Apr 2016

- **Final Design Project:** Analyzing the potential of **civic institutions** as catalysts for **urban rejuvenation**, MG Marg, Gangtok, Spring 2016
- **Relevant Courses:** Urban Design

Skills

Software & Applications

- Proficient: **R, AutoCAD, Sketchup, Adobe Creative Suite**;
Intermediate: **SQL (Postgres) ArcGIS, QGIS**; Beginner: **Tableau, Python**;

Languages

- Proficient: **Marathi, English, Hindi**; Beginner: **Nepali, German**

Work Experience

Massachusetts Bay Transportation Authority

Program Evaluation and Implementation Assistant
Boston, MA | Jul 2019 - Dec 2019

- Assist analysts by writing R-scripts to understand data from various internal MBTA as well as external state and federal level crash, transportation survey, and transit feed data
- Primary projects include analyzing Perq card data to measure emissions saved by transit use, and understanding MBTA network coverage by stop and station type

Boston Area Research Initiative

Graduate Research Assistant
Boston, MA | Jan 2019 - present

- Using **'R' to analyze** anonymized user data from the **Transit app**, focusing on the Boston Combined Statistical Area
- Comparing transit app data with GTFS realtime data from the MBTA, and developing insights into usage patterns of the transit network as well as the app for predicting commuter behavior

Jana Urban Space Foundation

Associate Urban Designer
Bangalore, India | Jun 2017 - Mar 2018

Urban Design Trainee
Bangalore, India | Nov 2016 - May 2017

- **Led a team of 3 on research surveys** for a historic retail/wholesale market reorganization
- Collaborated to redesign Bangalore streets for **uniform road-width** with consideration for **NMT users** under the Tender SURE **design and execution model**
- Conducted weekly team building exercises, and hosted talks & documentaries
- Part of team to redesign and organize a **transit exchange terminal**
- **Surveyed** 35 roads in central Bangalore (~50km) to prepare **base drawings** for **equitable redesigning** under the Tender SURE guidelines
- Designed the **surface paving pattern** for a plaza in central Bangalore

Volunteering

Boston Cyclists' Union

Part-Time Volunteer
Boston, MA | Sep 2018 - Present

- Organize support for improving bicycle infrastructure in the Boston Area
- Lobby state legislators to support Non-Motorized-Transport and pedestrian safety bills